



Crops & Weather

National Agricultural Statistics Service lowa Field Office

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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending July 22, 2012

Another hot, dry week without significant precipitation in most areas of the state caused Iowa crop conditions to decline. With deteriorating crop conditions, there have been reports of some farmers starting to chop corn. Applying fungicide was the week's most common field activity.

There were 6.8 days suitable for fieldwork statewide during the past week. Topsoil moisture levels declined to 74 percent very short, 23 percent short, 3 percent adequate, and 0 percent surplus. At least 95 percent of the topsoil moisture is rated short to very short in all of Iowa's districts. Subsoil moisture dropped to 64 percent very short, 32 percent short, 4 percent adequate, and 0 percent surplus.

Ninety-six percent of the corn crop is at or beyond the tasseling stage, ahead of last year's 80 percent and the five-year average of 72 percent. Eighty-nine percent of the corn crop is silking, ahead of last year's 63 percent and the five-year average of 55 percent. Thirty-six percent of the corn crop has reached the milk stage. Twelve percent of the corn crop has reached dough stage, almost two weeks ahead of normal. Reports show corn has reached the dent stage in all districts except Northwest and Northeast Iowa. Corn condition is reported at 14 percent very poor, 26 percent poor, 37 percent fair, 21 percent good, and 2 percent excellent. Eighty-five percent of the soybean crop is at or beyond blooming stage, ahead of last year's 74 percent and the fiveyear average of 72 percent. Pods are being set on 36 percent of the soybean crop, ahead of last year's 19 percent and the five-year average of 26 percent. Soybean condition is rated 10 percent very poor, 20 percent poor, 42 percent fair, 25 percent good, and 3 percent excellent. Ninety-one percent of the oat crop has been harvested, almost three weeks ahead of normal. Harvest of third cutting of alfalfa hay, at 51 percent complete, is a month ahead of normal. Hay condition is rated 27 percent very poor, 29 percent poor, 31 percent fair, 12 percent good, and 1 percent excellent.

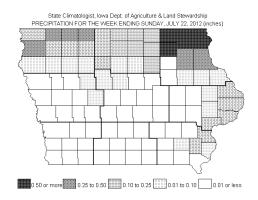
Crop Conditions as of July 22, 2012

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn	14	26	37	21	2
Soybeans Hay, all	10 27	20 29	42 31	25 12	3
Pasture & Range	46	33	17	4	0

Over three quarters of Iowa's pasture and range land is rated in poor to very poor condition. Pasture and range condition rated 46 percent very poor, 33 percent poor, 17 percent fair, 4 percent good, and 0 percent excellent. Excessive heat continues to cause livestock losses.

IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

Iowa endured yet another week of unusually hot and dry weather. Temperatures averaged 5 to 6 degrees above normal over the east and 8 to 10 degrees above normal over western Iowa with a statewide average of 7.3 degrees above normal. This now has been the hottest start for July and the summer season since 1936. This past week the hottest weather prevailed on Wednesday (18th) and Sunday (22nd). Temperatures peaked at 105 degrees at Iowa City and Keosauqua on Wednesday and 104 degrees at Des Moines, Little Sioux, Osceola and Sioux City on Sunday. There was a slight cool down on Friday and Saturday with Elkader recording a Friday morning low of 55 degrees. However, locations such as Des Moines, Osceola and Shenandoah have recorded eleven consecutive days with high temperatures of ninety degrees or higher through Sunday. Rainfall was below normal over all but a few tiny areas across northern Iowa with Cresco being the wet spot with 2.83 inches of rain. Most of the week's rains came with scattered thunderstorms across about the northeast one-half of Iowa on Wednesday. There were also some isolated thunderstorms over the northern one-third of the state on Saturday and Sunday. Most of southwestern and central Iowa recorded no rain for the week. Some areas, such as Glenwood, Shenandoah, Clarinda and Bedford, have recorded 28 consecutive days with less than 0.01 inch of rain through Sunday. The statewide average precipitation was 0.10 inches while normal for the week is 1.00 inches. Iowa has now recorded below normal rainfall for ten of the past eleven weeks and above normal temperatures for eleven of the past twelve weeks.



Field Work and Crop Progress as of July 22, 2012

ltem	Districts									0	Last	Last	5-yr
	NW	NC	NE	WC	С	EC	SW	SC	SE	State	Week	Year	Avg
	(Percent)												
Corn tasseled	97	97	92	99	98	95	96	90	94	96	87	80	72
Corn silked	92	92	81	94	95	83	89	83	87	89	74	63	55
Corn in or past milk stage	43	40	21	33	46	39	26	33	40	36	(NA)	5	9
Corn in or past dough stage	12	11	7	10	22	9	10	9	18	12	` 4	1	1
Soybeans bloomed	92	90	84	93	84	80	79	78	70	85	74	74	72
Soybeans setting pods	36	37	26	46	44	36	27	30	24	36	12	19	26
Oats harvested for grain	97	86	92	95	94	84	96	88	89	91	72	37	30
Hay, alfalfa - 3rd cutting	58	36	68	49	65	46	38	43	45	51	17	1	1

(NA) Not Available

Days Suitable & Soil Moisture Condition as of July 22, 2012

Item			State	Last	Last							
item	NW	NC	NE	WC	С	EC	SW	SC	SE	State	Week	Year
	(Days)											
Days suitable	6.7	6.8	6.5	7.0	6.9	6.8	6.9	7.0	7.0	6.8	6.7	5.4
	(Percent)											
Topsoil moisture												
Very short	68	64	72	77	76	75	73	95	75	74	58	4
Short	27	33	25	21	21	23	23	5	22	23	34	20
Adequate	5	3	3	2	3	2	4	0	3	3	8	71
Surplus	0	0	0	0	0	0	0	0	0	0	0	5
Subsoil moisture												
Very short	60	57	61	62	68	61	61	90	59	64	48	1
Short	35	40	37	35	25	36	31	10	34	32	41	12
Adequate	5	3	2	3	7	3	8	0	7	4	11	79
Surplus	0	0	0	0	0	0	0	0	0	0	0	8

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, July 22, 2012, Prepared by AWIS, Inc.

For the week ending: 7:	υυ am Sι	ınday, J				is, inc.	T	Since April					
				ırrent Week									
Station	Temperature				Precipita		Precipita	·	GDD Base 50F				
	High	Low	Avg.	DFN	Total	DFN orth West Dis	Total	DFN	Total	DFN			
Foth a millio	04	60	70	6				0.12	4 000	400			
EsthervilleSioux Center	94 98	63 64	78 82	6 8	0.19 0.61	-0.58 -0.16	12.60 11.59	-0.12 -1.38	1,823 2,087	469 427			
Spencer	99	63	81	8	0.16	-0.77	13.03	-0.11	1,949	496			
Spirit Lake	98	69	81	9	0.27	-0.57	13.34	0.67	1,859	432			
				'.	No	orth Central D	istrict						
Britt	96	62	78	6	0.40	-0.57	12.23	-2.06	1,736	330			
Dakota City	97	62	80	6	0.12	-0.82	11.02	-3.50	1,888	356			
Mason City	98	58	79	6	0.11	-0.86	9.76	-4.97	1,796	372			
Osage	97	60	78	6	0.12	-0.83	12.86	-1.78	1,718	369			
_	1	North East District											
Decorah	100	57	79 70	6	1.16	0.25	11.73	-2.72	1,871	426			
Dubuque Elkader	97 96	62 55	79 76	7 4	0.00 0.05	-0.91 -0.93	7.21 9.47	-7.77 -4.56	1,768 1,536	349 149			
Fayette	97	56	78	6	0.20	-0.82	12.36	-2.58	1,712	429			
Waterloo	99	56	80	7	0.00	-1.10	9.65	-5.77	1,941	409			
	I		I		W	est Central Di	istrict	l l					
Carroll	96	66	81	8	0.00	-0.96	10.72	1,948	402				
Castana	97	67	82	7	0.00	-0.70	13.11	-5.06 -0.68	1,941	227			
Guthrie Center	98	61	80	6	0.00	-0.77	10.93	-4.04	1,991	399			
Harlan	96	65	80	5	0.00	-0.82	11.23	-3.41	1,934	406			
Jefferson	96	62	79	5	0.04	-0.92	8.64	-7.14	1,928	366			
Logan	97 98	64 64	82 80	6	0.00	-0.77 -0.95	12.23	-2.14	2,019 1,887	350 365			
Rockwell CitySac City	96	64	80	6 6	0.03 0.00	-0.93	11.68 12.26	-2.92 -2.15	1,810	373			
Sioux City	97	66	82	6	0.00	-0.70	13.81	1.69	2,121	496			
,	!					Central Distr	l.		,				
Boone	97	64	80	6	0.00	-0.80	11.82	-4.01	1,874	329			
Des Moines	103	68	85	9	0.00	-0.84	11.49	-2.71	2,367	642			
Grundy Center	95	60	78	7	0.00	-1.02	11.16	-4.01	1,867	428			
Marshalltown	97	60	79	6	0.00	-0.93	5.92	-9.14	2,027	490			
Newton	103	63	81	6	0.00	-0.84	8.54	-6.22	1,962	266			
Perry	98 99	65 59	81 79	7 6	0.00	-0.80	12.74	-2.16	1,969	425			
Toledo	99	59	79	0	0.00	-0.98	8.36	-7.02	1,794	354			
Onder Benide	00		70			ast Central Di -0.91	7.28	7.47	4.000	200			
Cedar Rapids Davenport	99 98	62 62	79 80	5 5	0.00 0.19	-0.91	12.17	-7.17 -1.90	1,930 1,987	320 219			
lowa City	104	65	82	5	0.00	-1.12	9.81	-6.03	2,089	231			
Lowden	98	61	81	7	0.17	-0.81	10.37	-5.54	1,871	365			
Maquoketa	97	62	79	6	0.20	-0.57	7.60	-6.64	1,704	233			
Muscatine	100	62	81	6	0.11	-0.87	13.38	-1.64	1,928	145			
	ļ		T	 		outh West Dis							
Atlantic	97	63	81	7	0.00	-0.84	10.51	-3.32	1,995	369			
Clarinda	98	60	80	5 7	0.00	-1.12	11.04	-5.17	2,084	468			
Glenwood Red Oak	98 98	67 65	83 82	6	0.00 0.00	-0.84 -0.96	9.56 16.03	-5.62 -0.31	2,070 2,175	302 481			
Sidney	97	66	83	6	0.00	-1.09	9.70	-5.39	2,201	407			
G.a,			00	•		al District							
Allerton	104	62	82	7	0.00	-1.04	10.29	-4.83	1,985	361			
Beaconsfield	99	65	82	7	0.00	-0.98	10.29	-3.99	1,981	410			
Chariton	102	64	82	7	0.00	-0.98	12.71	-3.01	2,030	510			
Indianola	102	60	82	8	0.00	-0.84	8.24	-6.93	2,012	494			
Leon	100	60	80	5	0.00	-0.91	12.79	-2.44	1,931	391			
	South East District												
Bloomfield	103	63	83	7	0.00	-1.05	9.60	-5.54	2,071	396			
Burlington	100	62	82	7	0.00	-0.96	10.41	-4.02	2,151	334			
Ottumwa	103	61	81	5	0.00	-1.01 0.01	10.53	-3.75	2,071	253			
Washington	103	62	81	5	0.00	-0.91	13.79	-0.37	2,003	278			

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2012: AWIS, Inc. All Rights Reserved.